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(54) AUDIO DISK AND ENCODING DEVICE,  
DECODING DEVICE FOR AUDIO DATA AND  
COPY MANAGING METHOD

(57) Abstract:

**PROBLEM TO BE SOLVED:** To make the copy protection to be performed surely in the case of transmitting the audio data of a PCM system and high-quality audio data of a one-bit stream system.

**SOLUTION:** In a copy management data embedding part, levels of one-bit stream data B and PCM stream data are detected and copy management data are embedded in them and a copy management data supplying part 100b is controlled so as to respectively supply copy management data B, A to FM modulator 114B, 114A, by a control signal (a) and a spreading code generator 117 is controlled so as to generate a spreading code by a control signal (b) and a switch 201 is controlled by a control signal (c) so that both data are inaudible even when they are subjected to D/A conversions. Here, CGMCAPS (Copy Generation Management Control Audio Protection System) codes express-

ing a reproduction inhibition/permission, a copy inhibition/permission are used as the copy management data B, A.

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